# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 1 | ("20040265253").PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/29 09:56 |
| L5 | 763 | (beta$1ketone or $3hydroxyquinoline or $4hydroxybenzoquinoline or $5hydroxy$1phenyl$1benzoxazole or ($hydroxy$1phenyl adj (benzoxazole or benzothiazole or benzimidazole or pyridine)) or $5hydroxy$1phenyl$1benzothiazole or $5hydroxy$1phenyl $1benzimidazole or $5hydroxy $1phenyl$1pyridine) same (doped or graft$ or ligand or contain$ or compris$4 or attach$ or complex$ or ligand) same (oxide or mgo or cao or sro or bao or tio2 or "tio.sub.2" or zro or "zro.sub.2" or hfo2 or "hfo.sub.2" or zno) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:10 |
| L6 | 0 | (beta$1ketone or $3hydroxyquinoline or $4hydroxybenzoquinoline or $5hydroxy$1phenyl$1benzoxazole or ($hydroxy$1phenyl adj (benzoxazole or benzothiazole or benzimidazole or pyridine)) or $5hydroxy$1phenyl$1benzothiazole or $5hydroxy$1phenyl $1benzimidazole or $5hydroxy $1phenyl$1pyridine) same (doped or graft$ or ligand or contain$ or compris$4 or attach$ or complex$ or ligand) same (sc2o3 or y2o3 or la2o3 or al2o3 or ga2o3 or in2o3 or "al2 o3" or "ga2 o3" or "in2 o3" or "sc2 o3" or "y2 o3" or "la2 o3") | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:10 |
| L7 | 20 | (beta$1ketone or $3hydroxyquinoline or $4hydroxybenzoquinoline or $5hydroxy$1phenyl$1benzoxazole or ($hydroxy$1phenyl adj (benzoxazole or benzothiazole or benzimidazole or pyridine)) or $5hydroxy$1phenyl$1benzothiazole or $5hydroxy$1phenyl $1benzimidazole or $5hydroxy $1phenyl$1pyridine) same (doped or graft$ or ligand or contain$ or compris$4 or attach$ or complex$ | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:12 |

| | | or ligand) same ("sc.sub.2o.sub.3" or "y.sub.2o.sub.3" or "la.sub.2o. sub.3" or "al.sub.2o.sub.3" or "ga. sub.2o.sub.3" or "in.sub.2o.sub.3" or "al.sub.2 o.sub.3" or "ga.sub.2 o. sub.3" or "in.sub.2 o.sub.3" or "sc. sub.2 o.sub.3" or "y.sub.2 o.sub.3" or "la.sub.2 o.sub.3") | | | | |
|---|---|---|---|---|---|---|
| L9 | 3 | (("4247597") or ("4362510") or ("5381628")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/29 10:23 |
| L10 | 3 | (("4247597") or ("4362510") or ("5318628")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/29 10:24 |
| L11 | 753 | ( $3hydroxyquinoline or $4hydroxybenzoquinoline or $5hydroxy$1phenyl$1benzoxazole or ($hydroxy$1phenyl adj (benzoxazole or benzothiazole or benzimidazole or pyridine)) or $5hydroxy$1phenyl$1benzothiazole or $5hydroxy$1phenyl $1benzimidazole or $5hydroxy $1phenyl$1pyridine) same (doped or graft$ or ligand or contain$ or compris$4 or attach$ or complex$ or ligand) same (oxide or mgo or cao or sro or bao or tio2 or "tio. sub.2" or zro or "zro.sub.2" or hfo2 or "hfo.sub.2" or zno) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:35 |
| L12 | 740 | 11 not (7 or 10) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:37 |
| L13 | 22 | 12 and "106"/$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:37 |
| L14 | 5041 | ( $3hydroxyquinoline or $4hydroxybenzoquinoline or $5hydroxy$1phenyl$1benzoxazole or ($hydroxy$1phenyl adj (benzoxazole or benzothiazole or benzimidazole or pyridine)) or $5hydroxy$1phenyl$1benzothiazole or $5hydroxy$1phenyl $1benzimidazole or $5hydroxy $1phenyl$1pyridine) same (doped or graft$ or ligand or contain$ or compris$4 or attach$ or complex$ or ligand) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:40 |
| L15 | 718 | 12 not 13 | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:40 |

| L16 | 4288 | 14 not 11 | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:41 |
| L17 | 222 | 15 and (sol$1gel$ or "427"/$.ccls. or "428"/$.ccls. or "252"/$.ccls.) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:41 |
| L18 | 76 | 16 and "106"/$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:57 |
| L19 | 1476 | 16 and (sol$1gel$ or "427"/$.ccls. or "428"/$.ccls. or "252"/$.ccls.) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 10:57 |
| L20 | 296 | 16 and ("252"/$.ccls.) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:05 |
| L22 | 284 | 20 not 18 | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:06 |
| L23 | 178 | 22 and (sol$1gel$ or ((oxide or inorganic) with (matrix or layer or partic$))) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:07 |
| L24 | 2 | 22 and ($2organic$3organic with hybrid) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:13 |
| L25 | 5 | 22 and ((organic near inorganic) with hybrid) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:13 |
| L26 | 41 | 19 and ((organic near inorganic) with hybrid) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:14 |
| L27 | 17 | 19 and ($2organic$3organic with hybrid) | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:14 |
| L28 | 41 | 26 or 27 | US-PGPUB; USPAT | ADJ | ON | 2008/07/29 11:14 |

7/29/08 11:35:14 AM
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